



# VIDEO RACER™

## USER MANUAL



CREATE → EDIT → SHARE



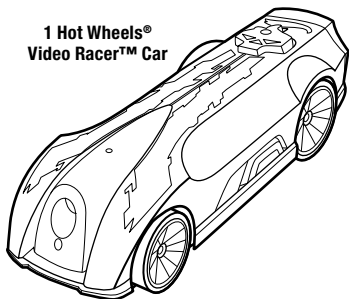
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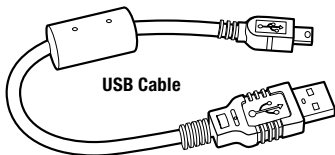
# VIDEO RACER™

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1 Hot Wheels®  
Video Racer™ Car



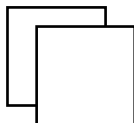
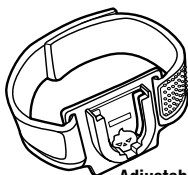
USB Cable



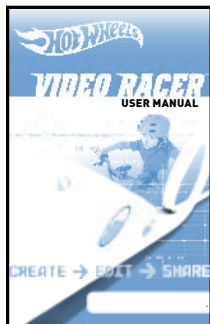
Attachment Clips



Adjustable Strap

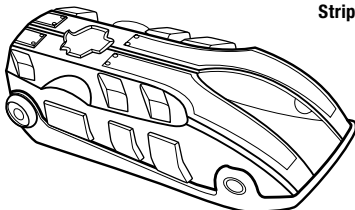


Adhesive  
Strips



Instruction Manual

Action Cam Protective  
Attachment Case



Remove everything from package and compare to contents shown here. If any items are missing, call **1-888-892-6123**.

Keep instructions for future reference as they contain important information.

Visit **[www.hotwheels.com/videoracer](http://www.hotwheels.com/videoracer)** for editing software.

ENGLISH - <http://www.hotwheels.com/videoracer>

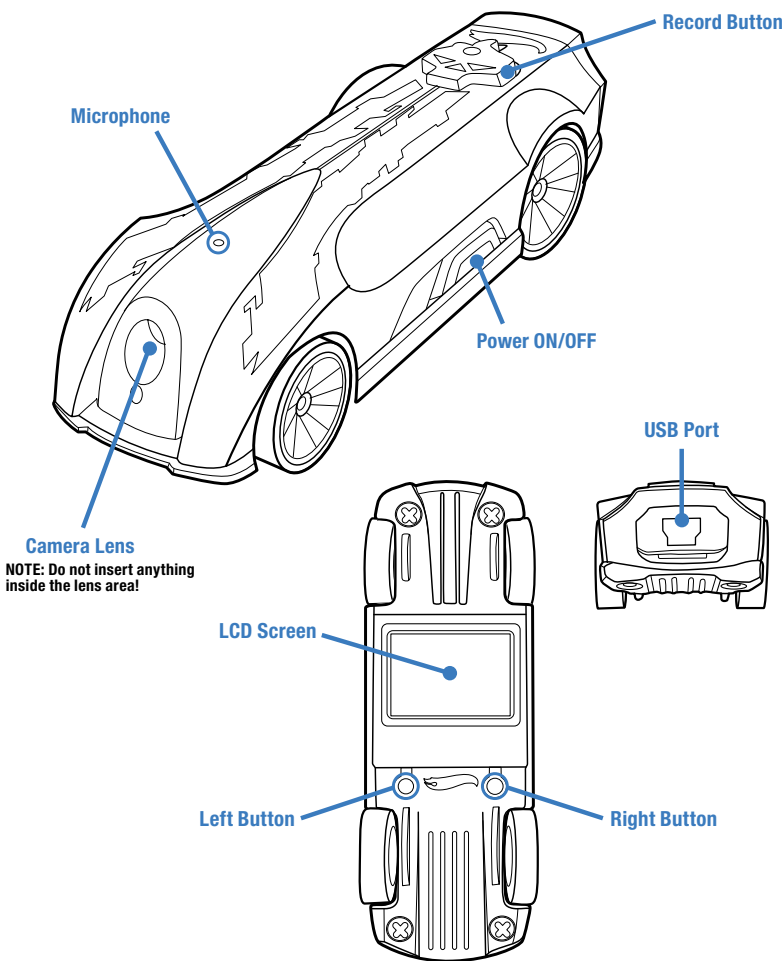
FRENCH - <http://fr.hotwheels.com/videoracer>

GERMAN - <http://de.hotwheels.com/videoracer>

GREEK - <http://gr.hotwheels.com/videoracer>

LAAM - <http://mx.hotwheels.com/videoracer>

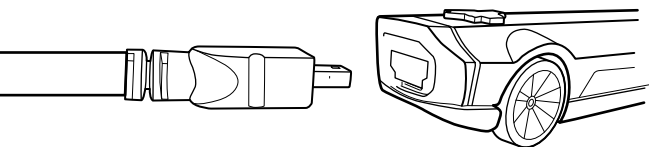
# GETTING STARTED



## PRIOR TO PLAY

Your Video Racer™ car has a built-in battery that must be charged before use. Use supplied USB cable port and connect to powered computer. Prior to first use, charge for at least one hour.

Depending on use, battery life is approximately 45 minutes. Flashing battery status will appear on LCD screen on back of car when approximately 2 minutes of power remains.



## BATTERY CHARGE LEVEL

- Battery icon will turn red when approximately 2 minutes of power remains
- When car is plugged into computer, battery voltage icon will appear.
- When battery is fully charged from computer, green battery icon will appear.



**NOTE:** TURN OFF WHEN NOT IN USE OR BATTERY WILL BE DRAINED.

Your Video Racer™ car is equipped with 3.7V internal lithium polymer battery. To properly recycle, follow local lithium polymer battery recycling guidelines. Non-replaceable battery included. Dispose of batteries safely.

Protect the environment by not disposing of this product with household waste (2002/96/EC). Check your local authority for recycling advice and facilities.



**CAR SHOULD NOT GET WET.**

# SYSTEM REQUIREMENTS

The Video Racer™ car is Windows/Mac compatible.  
It will work with any computer that supports a USB.

## USING YOUR VIDEO RACER™ CAR

### **POWER ON/OFF**

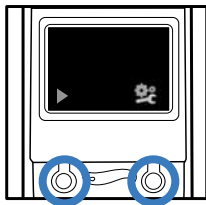
- Find power switch on side of car.
- To turn power on, slide switch forward towards front of car. Status LED in skull on top of car will turn green and LCD screen will activate.
- To turn power off, slide switch backwards toward rear of car.

### **HOME SCREEN**

When powered on, the LCD display screen on bottom of car will illuminate. The Hot Wheels® logo will appear and then show a live video feed of what the camera is seeing along with 2 icons on the bottom of the screen.

A **PLAY** icon above the **LEFT** button and a **CAMERA SETTINGS** icon above the **RIGHT** button.

- To play back recorded videos, press and release **LEFT** button.
- To change Camera Settings, press and release **RIGHT** button.



## RECORDING CLIPS

To switch from Standby Mode to Record Mode, press and release Skull Button on top of car. You are now recording.

Once the display screen is black, you will see that the status LED under the skull button has gone from solid green to flashing red. This means that the system is recording video.



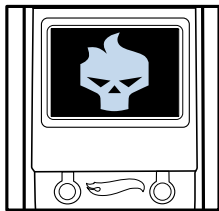
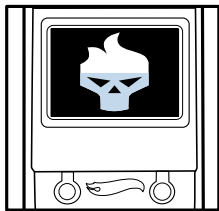
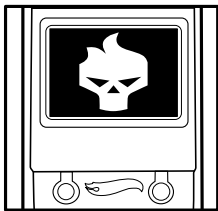
To stop recording a video, press and release skull button again. The blinking red LED should return to solid green indicating that recording has stopped.

## MEMORY STATUS

The display on bottom of car will show a partially-filled skull. The amount of red color in skull shows how much memory space is left for recording videos.

- A full white skull means that video memory is empty.
- A full red skull means video memory is full.

This is shown on the LCD screen for a couple of seconds, then the screen will go black.



## PLAYBACK CLIPS

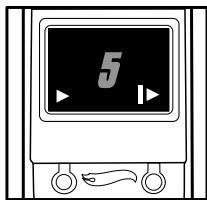
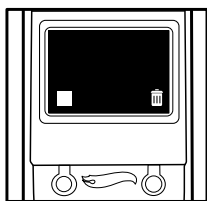
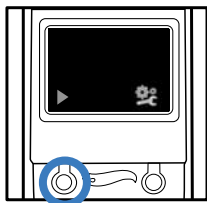
Videos cannot be played back while in record mode. To play back recorded video from standby mode, press and release **LEFT** button.

If there are no recorded videos, the display will show a white skull and will return to live video feed. If there are recorded videos, the display will begin to show the most recently recorded video.

During playback the icons will change to a **STOP ICON** above the **LEFT** button and a Trash can icon above the **RIGHT** button.

- To stop playback, press and release the **LEFT** button.
- A number will appear indicating the amount of videos stored on the car.
- To skip forward to next recorded video, press and release the **RIGHT** button.
- When you reach desired video, press **LEFT PLAY** button to playback video.

At end of recorded videos, display screen will go black and return to live video feed.



**NOTE:** There is no sound during playback on car. Video Racer™ car records audio but can only play it back on computer. Car does not playback sound.

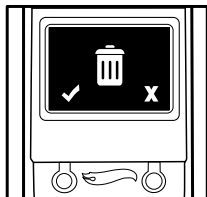
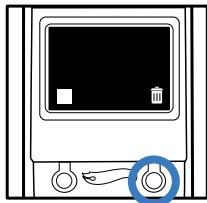


## DELETING CLIPS

During playback, press the **RIGHT** button to select the Trash can icon and display will change to confirm deletion of videos.

A large trash can will appear. A **green Check Mark** icon above the **LEFT** button and **red X ICON**. above the **RIGHT** button.

- To delete the video, press and release the **LEFT** button indicating the **green Check Mark**. To return to video playback, press and release the **RIGHT** button for the **red X ICON**.

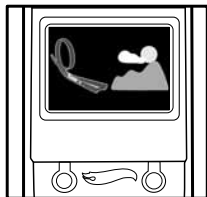
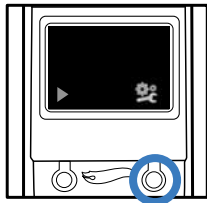


## CAMERA SETTINGS

During live video feed, a Play icon and a CAMERA SETTINGS icon appear. Press and release the **RIGHT** button below the CAMERA SETTINGS icon, to change camera settings.

A TRACK icon and an OUTDOOR icon will appear.

- To change camera settings to 30 frames per second with VGA resolution, press and release **RIGHT** button below the OUTDOOR ICON.
- To change camera settings to 60 frames per second with QVGA resolution, press and release the **LEFT** button below the TRACK icon.

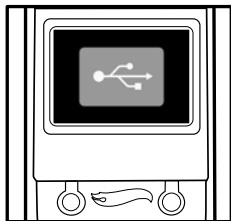




## TRANSFER CLIPS TO COMPUTER

To connect to computer, plug small end of USB cable into plug into rear of car. Display screen on car will change to USB icon.

**NOTE:** Once clips are transferred to computer, they are automatically deleted from car.



On PC, open Video Racer™ Video Editing Software. Videos will automatically import into editing software. This software will only run on a PC. If using Mac or other system, videos will still play but car will be recognized as Mass Storage Device.

## **FOR WINDOWS**

Install FREE Video Racer™ Editing Software (available for download at [www.hotwheels.com/videoracer](http://www.hotwheels.com/videoracer)). Clips will automatically transfer from car to computer – DO NOT disconnect USB Cable while clips are transferring.

If Video Racer™ Editing Software is not yet installed, open Windows Explorer, navigate to Video Racer™ drive, and select clips from “DCIM” folder. Move or copy clips to hard drive.

**NOTE:** MOVE clips rather than COPY clips to free up space on Video Racer™ car.

To safely remove Video Racer™ car from computer:

- Remove USB cable by clicking on “Safely Remove Hardware” in system tray.
- Select “Video Racer” and wait for “Safe to Remove Hardware” message.
- Disconnect USB cable.

.....

## **FOR MAC**

- Open Video Racer™ drive on desktop. Clips are in “DCIM” folder.
- Move or copy clips to desktop or other desired folder.

**NOTE:** MOVE clips rather than COPY clips to free up space on Video Racer™ car.

- To Eject, drag Video Racer™ drive to Trash.
- Disconnect USB cable.

# VIDEO RACER™ EDITING SOFTWARE

Downloadable Video Racer™ Editing Software is Windows compatible only. Mac users may refer to editing software included with system. Download FREE Video Racer™ Editing Software for Windows only from **[www.hotwheels.com/videoracer](http://www.hotwheels.com/videoracer)**. This exclusive software can edit and create movies. It is pre-loaded with graphics, sounds effects, music, transitions, etc. You can also add your own music, sound effects, graphics and transitions to make Video Racer™ movies. New content may be available periodically so check back for updates.

## SOFTWARE REQUIREMENTS

**PC:** Windows XP with SP3 /  
Vista with SP2  
Pentium III 800 MHz or  
equivalent  
512 MB of RAM  
800 MB free hard drive space  
Screen resolution 1024x768  
Direct X 9.0  
USB 2.0



## TIPS FOR BEST QUALITY FOOTAGE

High speed mode operates at 60 frames per second which requires more light because camera shutter is opening and closing at a higher rate allowing less light to enter. This mode is best for track play. If using indoors, ensure adequate lighting is available or footage may be grainy and dark.

Experiment between standard and high speed mode to see which works best for certain shots. For high speed recording use 60 frames per (FPS), for standard recording use 30 FPS.

### REASONS FOR USING HIGH SPEED MODE

- Smoother images
- Less blurring

**NOTE:** Depending on usage  
30 FPS allows about 12 min of shooting  
60 FPS allows up to 24 min.

# VIDEO RACER™

## CLIPS AND ATTACHMENTS

Video Racer™ car is compatible with Hot Wheels® gravity sets.

Not recommended for use with sets with battery-powered boosters.

To use Video Racer™ car as action cam, attach Video Racer™ car to Action Cam Attachment. Bottom of case has a clip. Using provided clips and attachments, Video Racer™ can be mounted to helmets, skateboards, etc.

Track set not included.



**NOTE:** Surface should be clean and dry before applying adhesive tape. Adhesive tape is not for re-use.

## DO'S & DONT'S

- Cars are NOT made for crashing
- Don't drive through water
- Not recommended for use with sets with battery-powered boosters

## TROUBLESHOOTING

### **PROBLEM**

### **SOLUTION**

<i>There is no sound during playback on Video Racer™ car.</i>	Video Racer™ car records audio but can only play it back on computer. Car does not play back sound.
<i>Audio playback on computer is muffled or scratchy.</i>	Make sure microphone on the car is not blocked.
<i>Clips do not transfer to computer automatically.</i>	Automatic transfer is only supported if Video Racer™ software is installed (for Windows only). If it is already installed and software and clips still don't transfer automatically, unplug USB cable, wait a few seconds, and reconnect. Do not press any buttons for 5 seconds.
<i>USB device is not recognized.</i>	Try a different USB port on computer.
<i>Video is too dark.</i>	Position a light source behind camera. Do not shoot into light.
<i>Unit locks up or malfunctions.</i>	Turn the unit off. Wait for 15 seconds, then turn it on again. If this does not help, the battery may need to recharge.

For questions about your Video Racer™ car call Technical Support at: **1-888-892-6123**

## TECHNICAL SPECIFICATIONS

Memory capacity 512MB

Battery life approximately 45 to 60 minutes

Video resolution is 320 x 240 (high speed mode) or 640 x 480 (standard mode)

Video capacity approximately 12 min (standard mode) approximately 25 minutes (high speed mode)

LCD information

0.95" CSTN with backlight

65,000 colors

Operating temperature -20°C to +70°C

Storage temperature -30°C to +80°C

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**NOTE:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

## BATTERY SAFETY INFORMATION

In exceptional circumstances batteries may leak fluids that can cause a chemical burn injury or ruin your product. To avoid battery leakage:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the product before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Do not mix old and new batteries.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the product.
- The supply terminals are not to be short-circuited.
- Dispose of battery(ies) safely.
- Do not dispose of this product in a fire. The batteries inside may explode or leak.



Protect the environment by not disposing of this product with household waste (2002/96/EC).  
Check your local authority for recycling advice and facilities.

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## CONSUMER INFORMATION

Need Assistance? Visit [service.mattel.com](http://service.mattel.com) or call 1-888-892-6123  
(US and Canada only).

**SERVICE.MATTEL.COM**

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